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ATTY. DOCKET NO.
CL/V-32635A
APPLICATION NO.APPLICANT
QIU ET AL.
FILING DATE
SEPTEMBER 3, 2003

Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
REZ	AA	2001/0045676	11/29/01	Winterton et al.	264	2.5	1/31/01
REZ	AB	2001/0048975	12/6/01	Winterton et al.	427	412.1	2/1/01
REZ	AC	2002/0006493	1/17/02	Chabrecek et al.	428	64.1	5/30/01
	AD	2002/0006493	1/17/02	Chabrecek et al.	428	64.1	5/30/01
REZ	AE	2002/0086160	7/4/02	Qiu et al.	428	413	8/24/01
REZ	AF	2003/0008154	1/9/03	Aguado et al.	428	447	5/22/02
REZ	AG	6,451,871	9/17/02	Winterton et al.	523	106	4/27/00
REZ	AH	2002/0182316	12/5/02	Gilliard et al.	427	162	5/22/02
REZ	AI	2003/0012872	1/16/03	Qiu et al.	427	162	5/22/02
REZ	AJ	2003/0039742	2/27/03	Qiu et al.	427	2.1	5/22/02
REZ	AK	2003/0117579	7/26/03	Morris et al.	351	200	11/4/02
REZ	AL	2003/0134132	7/17/03	Winterton et al.	428	451	1/8/03

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	NO
REZ	AM	EP 0 032 443	5/6/85	EPO			<input type="checkbox"/>	<input type="checkbox"/>
REZ	AN	EP 0 138 385	4/18/90	EPO			<input type="checkbox"/>	<input type="checkbox"/>
REZ	AO	GB 2 102 070	1/26/83	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AP	JP 4-158412		JPO			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AQ	JP 5-318118		JPO			<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

REZ	AR	European Search Report 3-2003.
REZ	AS	Decher, Lehr, Lowack, Lvov & Schmitt, "New Nanocomposite Films for Biosensors: layer by Layer adsorbed films of polyelectrolytes, proteins or DNA", 1994, pp677-684
REZ	AT	Sukhorukov, Mohwald, Decher and Lvov, "Assembly of Polyelectrolyte Multilayer films by consecutively alternating adsorption of Polynucleotides and Polycations", 1996, pp. 220-223

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REZ	DA	Uchida, Kunitake, and Kajiyama, "Blood Compatibility - Surface Characteristic Relationships of a Langmuir-Blodgett Film COnposed of an Anionic Amphiphile-Polycation COmplex", 1994, pp. 199-211
REZ	DB	Onitsuka, Fou, Ferreira, Hsieh, and Rubner, "Enhancement of Light Emitting Diodes Based on Self-Assembled Heterostructures of Poly(p-Phenylene Vinylene)", 1996, pp.4067-4071
REZ	DC	Yoo, Lee and Rybner, "Investigations of New Self-Assembled MultiLayer Thin Films Based on Alternately Adsorbed Layers of Polyelectrolytes and Functional Dye Molecules", 1996, pp.395-400
REZ	DD	Yoo, Wu, Lee and Rubner, "New Electro-Active Self-Assembled MultiLayer Thin Films Based on Alternately Adsorbed Layers of Polyelectrolytes and Functional Dye Molecules", 1997, pp.1425-1426
REZ	DE	Yoo & rubner, "Layer-By-Layer Modification of Surfaces Through The USE of Self Assembled Monolayers of Polyions", 1995, pp.2568-174
REZ	DF	Ferreira and Rubner, "Molecular Level Processing of Conjugated Polymers. Layer by Layer Manipulation of Conjugated Polyions", 1995, pp.7107-7114
REZ	DG	Fou and Rubner, "Molecular Level Processing of Conjugated Polymers. Layer by Layer Manipulation of In-Situ Polymerized p-Type Doped Conducting Polymers", 1995, pp.7115-7120
REZ	DH	Cheung, Stockton & Rubner, "Molecular Level Processing of Conjugated Polymers. Layer by Layer Manipulation of Polyanilene via Electrostatic Interactions", 1995, pp.2712-2716
REZ	DI	Cheung, Fou, Ferreira and Rubner, "Molecular Self Assembly of Conducting Polymers: A New Layer by Layer Thin Film Deposition Process", pp.757-758
REZ	DJ	Vargo, Clavert, Wynne, Avlyanov, MacDiarmid, and Rubner, "Patterned Polymer multilayer Fabrication by Controlled Adhesion of Polyelectrolytes to Plasma modified Fluoropolymer Surfaces", 1996, pp.169-174
	DK	
	DL	
	DM	
	DN	

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REZ	BA	4,168,112	9/18/79	Ellis et al.	351	160	1/5/78
REZ	BB	4,321,261	3/23/82	Ellis et al.	424	180	6/25/79
REZ	BC	4,941,997	7/17/90	Decher et al.	252	586	7/6/88
REZ	BD	4,973,429	11/27/90	Decher et al.	252	587	2/15/89
REZ	BE	5,068,318	11/26/91	Decher et al.	534	573	5/15/90
REZ	BF	5,208,111	5/4/93	Decher et al.	428	420	8/15/91
REZ	BG	5,518,767	5/21/96	Rubner et al.	427	259	7/1/93
REZ	BH	5,529,727	6/25/96	LaBombard et al.	264	1.36	7/20/94
REZ	BI	5,536,573	7/16/96	Rubner et al.	428	378	7/6/94
REZ	BJ	5,700,559	12/23/97	Sheu et al.	428	319.7	12/16/94
REZ	BK	6,011,082	1/4/00	Wang et al.	523	107	6/2/97
REZ	BL	6,451,871	9/17/02	Winterton et al.	523	106	4/27/00

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REZ	BM	WO 95/00618	1/5/95	PCT			<input type="checkbox"/>	<input type="checkbox"/>
REZ	BN	WO 95/02251	1/19/95	PCT			<input type="checkbox"/>	<input type="checkbox"/>
REZ	BO	WO 95/20407	8/3/95	PCT			<input type="checkbox"/>	<input type="checkbox"/>
REZ	BP	WO 96/18498	6/20/96	PCT			<input type="checkbox"/>	<input type="checkbox"/>
REZ	BQ	WO 96/31792	10/10/96	PCT			<input type="checkbox"/>	<input type="checkbox"/>

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	BR	
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R678	CA	WO 96/37241	11/28/96	PCT			
	CB						
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